

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A transparent substrate provided with a thin-film multilayer comprising at least one functional metal silver layer, having reflection properties in the infrared and/or in the solar radiation range, at least one metal barrier layer in contact with the functional layer and at least one upper dielectric layer, characterized in that wherein at least one barrier layer is based on zirconium and in that the upper dielectric layer comprises at least one ZnO-based layer in contact with the functional silver layer or with the barrier layer.

Claim 2 (Currently Amended): The substrate as claimed in claim 1, characterized in that wherein the functional silver layer is coated with a zirconium-based upper barrier layer surmounted and the zirconium-based upper barrier layer is coated at least by a ZnO-based dielectric layer.

Claim 3 (Currently Amended): The substrate as claimed in claim 2, characterized in that it includes,-further comprising beneath the silver layer, a lower barrier layer based on a metal.

Claim 4 (Currently Amended): The substrate as claimed in claim 1, characterized in that it includes further comprising a zirconium-based lower barrier layer and [[an]] the ZnO-based upper dielectric layer are in direct contact with the functional silver metal layer.

Claim 5 (Currently Amended): The substrate as claimed in claim 1, ~~characterized in~~ that it includes further comprising an upper mechanical protection layer based on an oxide, nitride and/or oxynitride, this upper layer being optionally doped.

Claim 6 (Currently Amended): The substrate as claimed in claim 1, ~~characterized in~~ that wherein the thickness of [[a]] the at least one barrier layer is less than or equal to 6 nm.

Claim 7 (Currently Amended): The substrate as claimed in claim 1, ~~characterized in~~ that wherein the thickness of said functional silver layer is from 5 to 18 nm.

Claim 8 (Currently Amended): The substrate as claimed in claim 1, ~~characterized in~~ that wherein the thickness of said upper dielectric layer is at least 5 nm.

Claim 9 (Currently Amended): The substrate as claimed in claim 1, ~~characterized in~~ that wherein said multilayer substantially retains its properties, after a heat treatment at a temperature of at least 500°C.

Claim 10 (Currently Amended): The substrate as claimed in claim 1, ~~characterized in~~ that further comprising at least one Zr-based upper barrier layer coated on the functional metal layer, wherein at least one Zr-based barrier layer is deposited by magnetron sputtering using a zirconium metal target that may optionally contain from 1 to 10% by weight of an additional element such as Ca, Y, or Hf.

Claim 11 (Currently Amended): The substrate as claimed in claim 1, ~~characterized in~~ that wherein the multilayer includes a lower dielectric layer based on an oxide or nitride.

Claim 12 (Currently Amended): The substrate as claimed in claim 11, characterized in that wherein the lower dielectric layer comprises the sequence SnO₂/TiO₂/ZnO.

Claim 13 (Currently Amended): The substrate as claimed in claim 11, characterized in that wherein the lower dielectric layer comprises the sequence Si₃N₄/ZnO.

Claim 14 (Previously Presented): A glazing comprising at least one substrate as claimed in claim 1 and an insert film.

Claim 15 (Currently Amended): The glazing as claimed in claim 14, characterized in that it A glazing assembly, which comprises at least one substrate according to the invention claim 1 and an inert film, wherein the glazing is mounted with another substrate as double glazing and the glazing assembly has a light transmission of between 40 and 90%.

Claim 16 (Currently Amended): The glazing as claimed in claim 14, characterized in that which has a selectivity defined by the ratio of the light transmission to the solar factor, T_L/SF of between 1.1 and 2.1.

Claim 17 (Canceled).

Claim 18 (Previously Presented): The substrate as claimed in claim 2, wherein the multilayer substantially retains its properties after a heat treatment at a temperature of at least 500°C.

Claim 19 (Previously Presented): The substrate as claimed in claim 3, wherein the multilayer substantially retains its properties after a heat treatment at a temperature of at least 500°C.

Claim 20 (Previously Presented): The substrate as claimed in claim 4, wherein the multilayer substantially retains its properties after a heat treatment at a temperature of at least 500°C.

Claim 21 (Previously Presented): The substrate as claimed in claim 5, wherein the multilayer substantially retains its properties after a heat treatment at a temperature of at least 500°C.